

Abstract

A device for recording images on a printing form, including an array of light sources and imaging optics for generating (n x m) imaging spots on a printing form, which is distinguished by the array of light sources including an array of mutually independently controllable VCSEL light sources. One specific imaging spot may be formed on the printing form by combining the light emitted by a subarray of the VCSEL light sources. Due to the advantageous beam properties of VCSEL light sources, such as the small divergence and negligible astigmatism, the device for recording images on printing forms is especially advantageous for use in a printing-form imaging unit or in a print unit.

(Figure 5)